

1/25

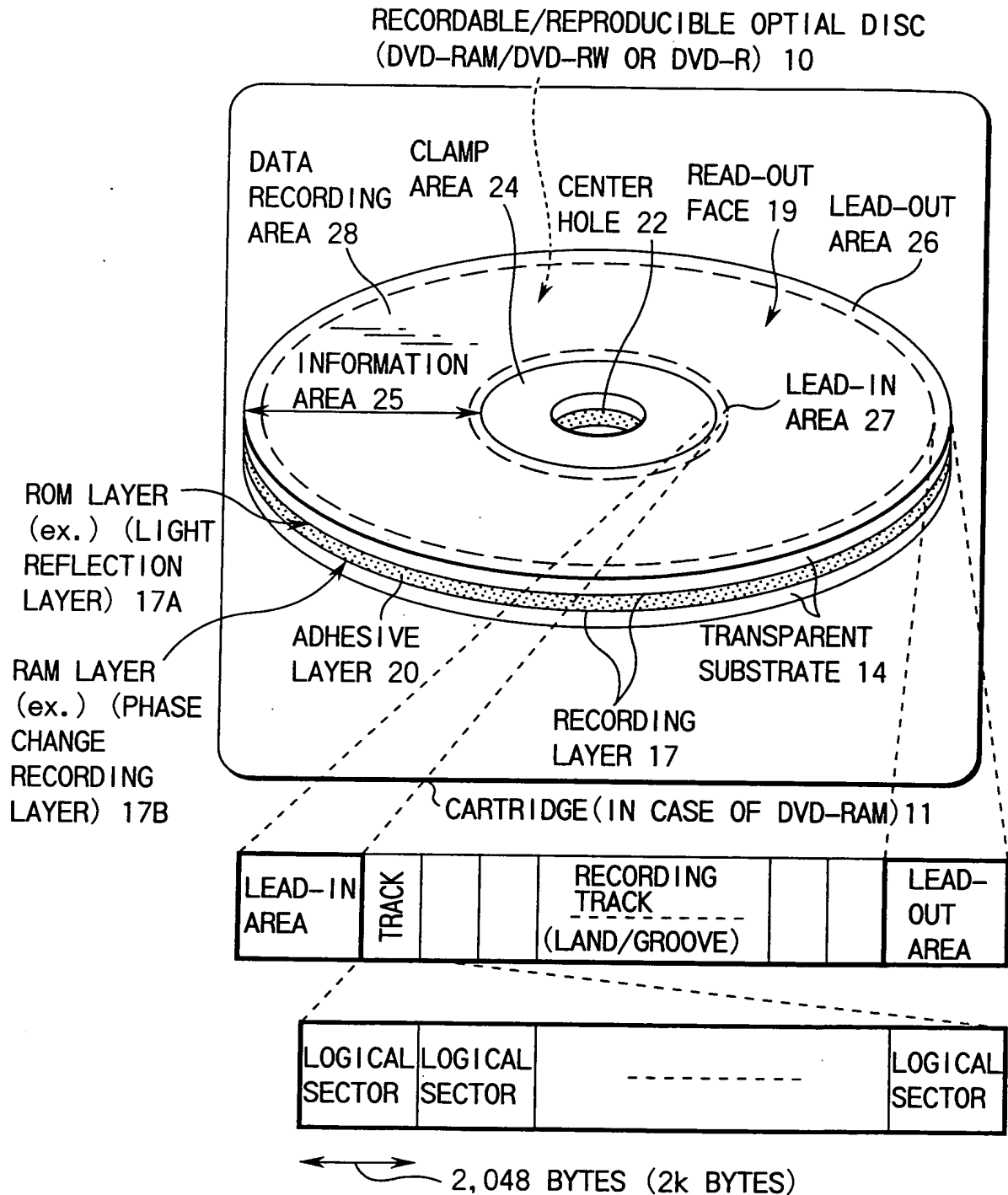


FIG. 1

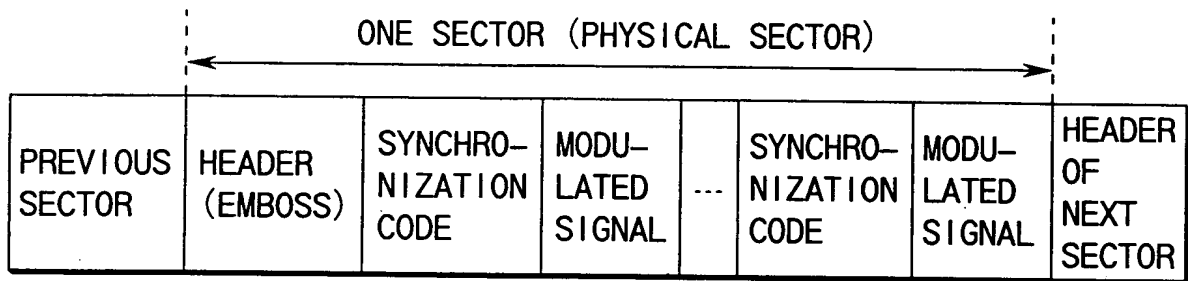


FIG. 2

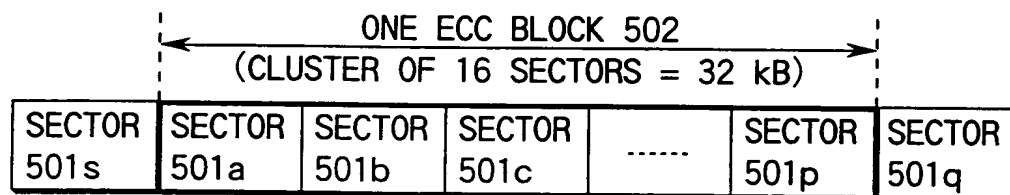


FIG. 3

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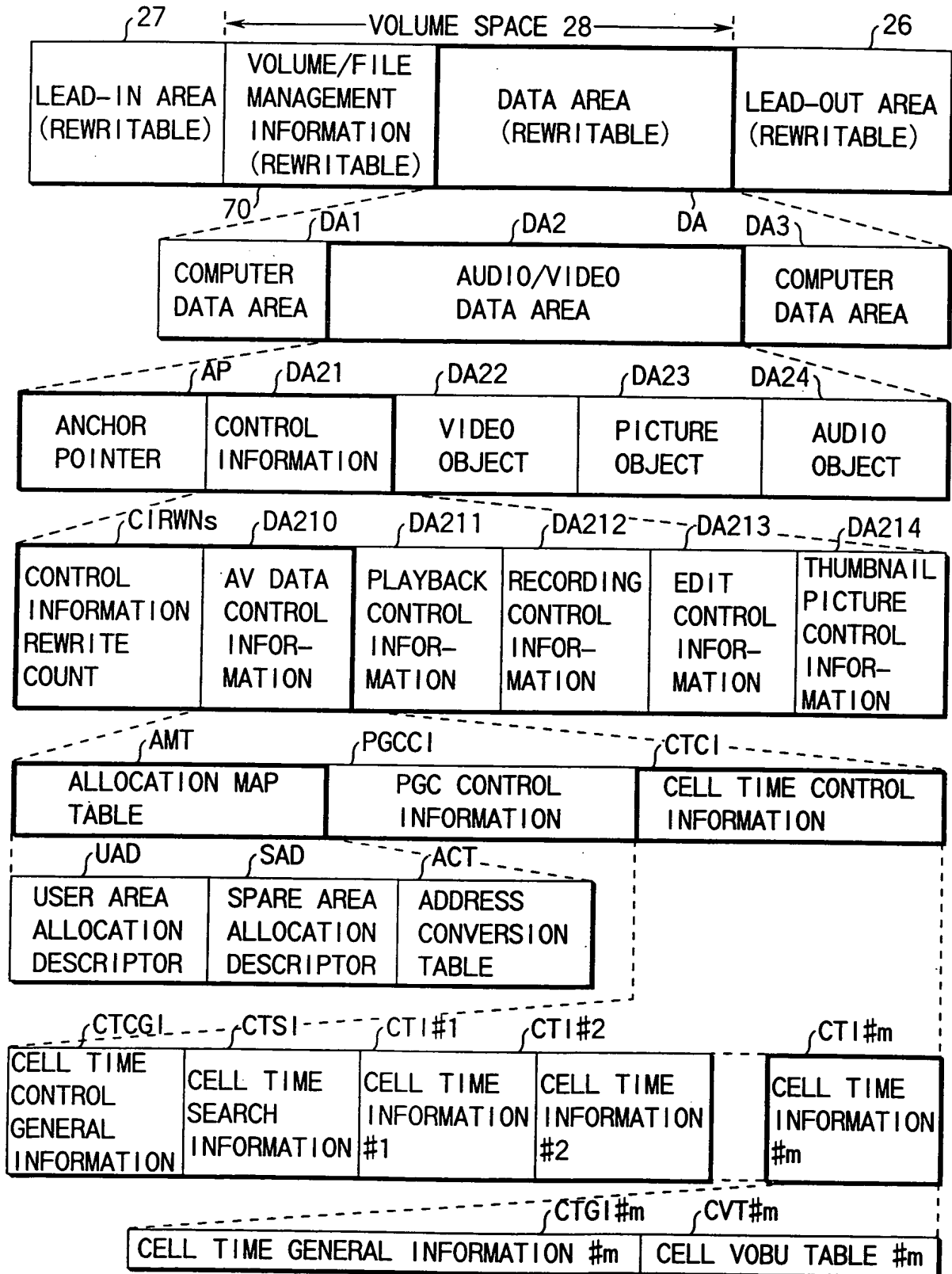


FIG. 4

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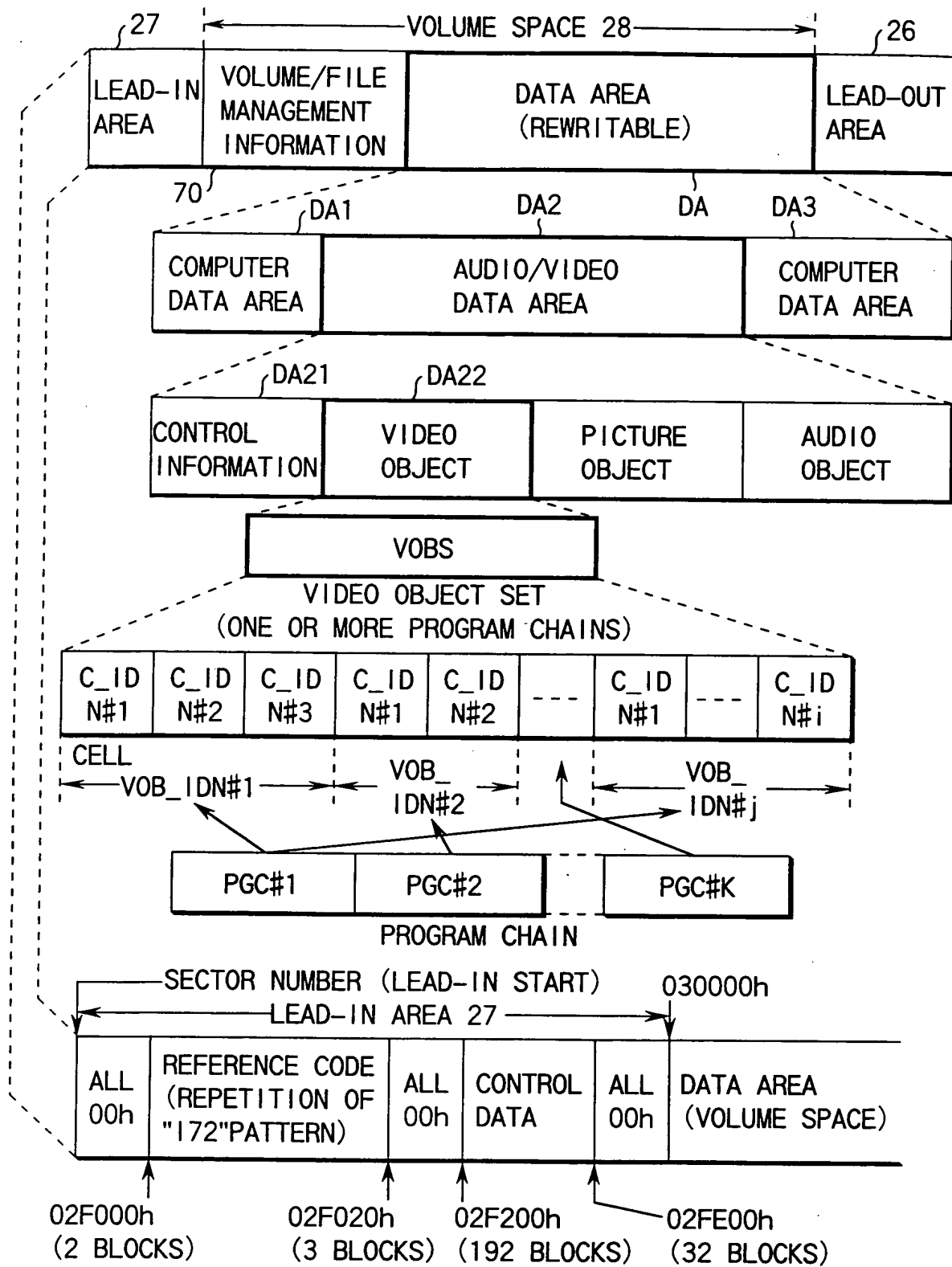


FIG. 5

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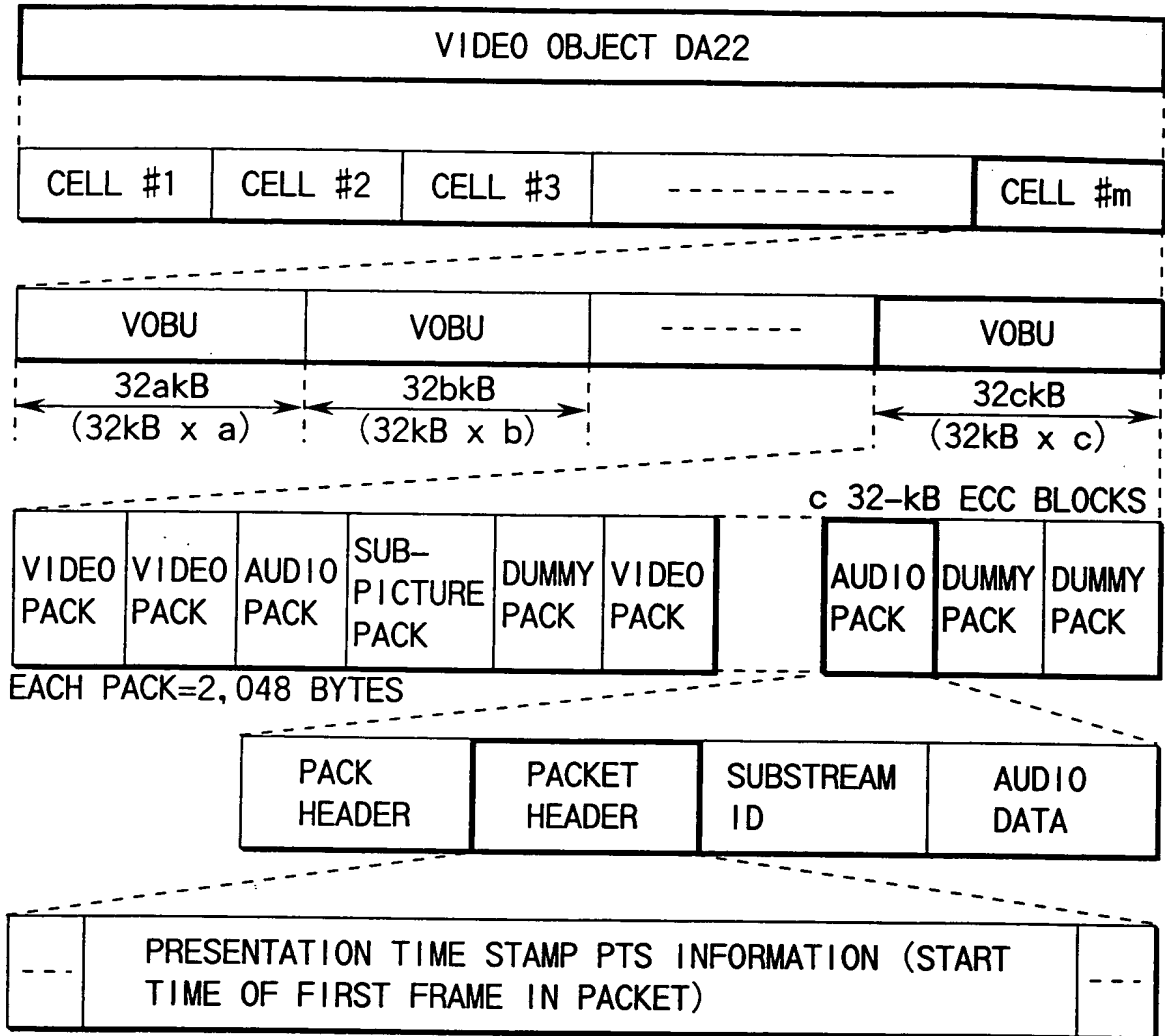


FIG. 6

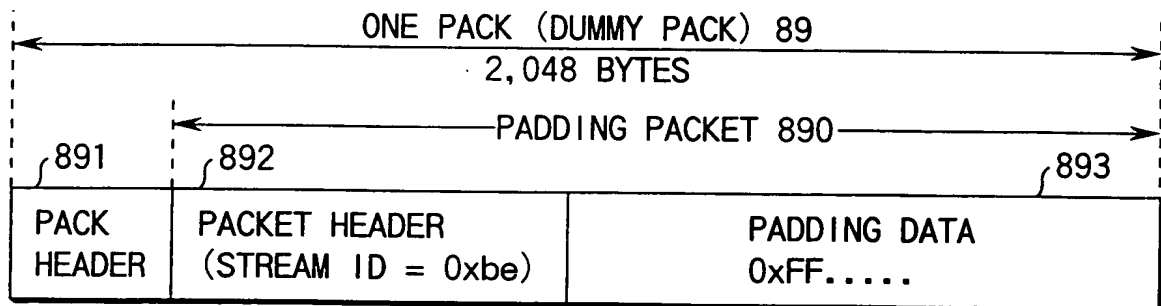


FIG. 7

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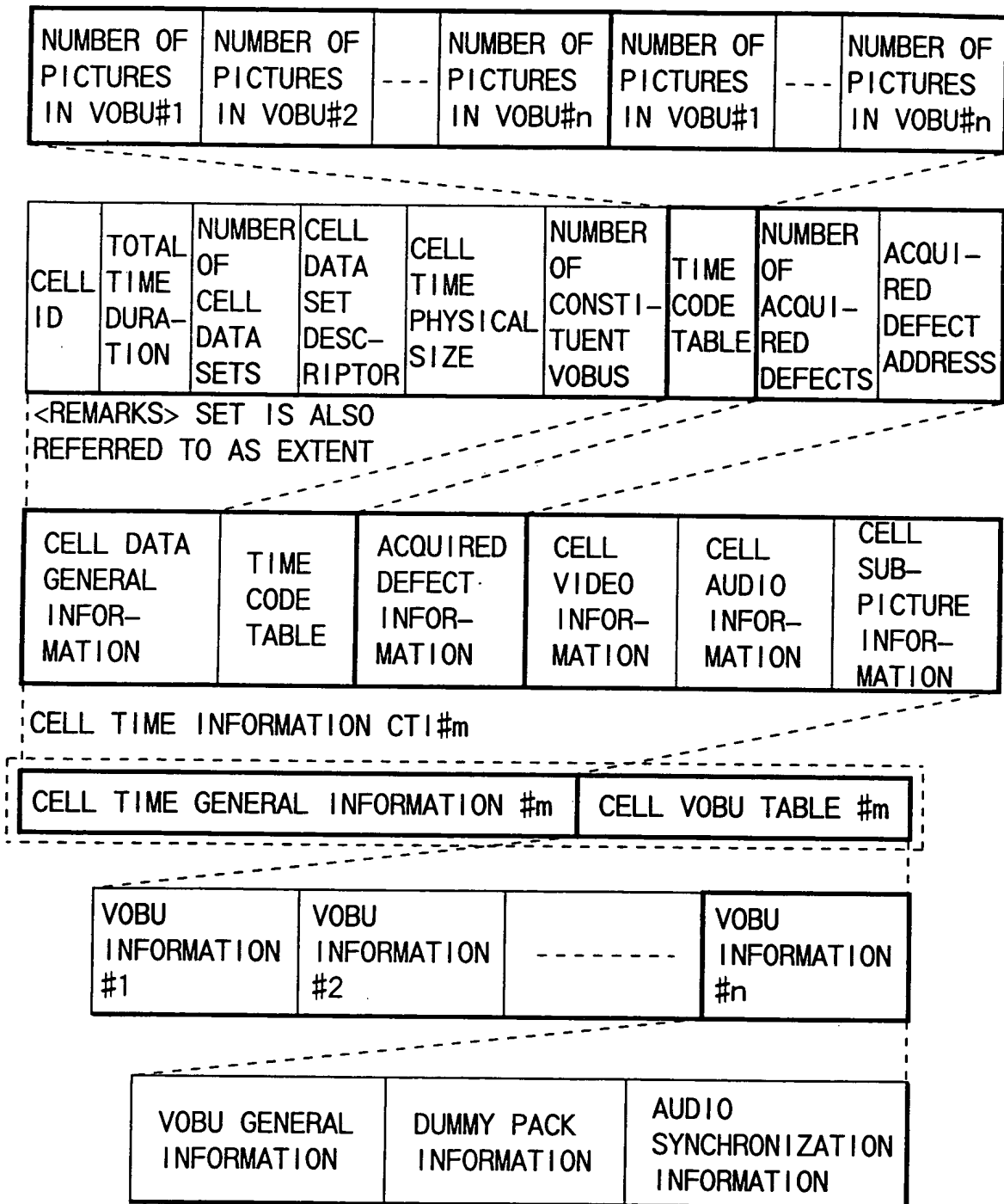


FIG. 8

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CORRESPONDING INFORMATION	INFORMATION NAME	INFORMATION CONTENTS	NUMBER OF BYTES USED
VOBU GENERAL INFORMATION	I-PICTURE END POSITION	DIFFERENTIAL ADDRESS VALUE OF I-PICTURE END POSITION FROM VOB START POSITION	1
	DUMMY PACK INFORMATION	NUMBER OF DUMMY PACKS IN VOB	1
DUMMY PACK INFORMATION	DUMMY PACKS DISTRIBUTION	DUMMY PACK INSERTION DIFFERENTIAL ADDRESS FROM START OF VOB, AND EACH NUMBER OF DUMMY PACKS (2 BYTES EACH)	2 x DUMMY PACK NUMBER
	AUDIO STREAM CHANNEL NUMBER	NUMBER OF CHANNELS OF AUDIO STREAM	1
AUDIO SYNCHRONIZATION INFORMATION	I-PICTURE AUDIO POSITION #1	DIFFERENTIAL ADDRESS VALUE OF SECTOR INCLUDING AUDIO PACK OF THE SAME TIME AS I-PICTURE START TIME FROM START OF VOB (MSB = "0" : LOCATED BEFORE VOB, MSB = "1" : LOCATED AFTER VOB)	1
	I-PICTURE START AUDIO SAMPLE NUMBER #1	INDICATE SAMPLE NUMBER OF AUDIO SAMPLE POSITION OF THE SAME TIME AS I-PICTURE START TIME IN SECTOR AS COEFFICIENT OF SERIAL NUMBERS OF ALL AUDIO PACKS	2
	AUDIO SYNCHRONIZATION INFORMATION FLAG #1	PRESENCE/ABSENCE OF SYNCHRONIZATION INFORMATION BETWEEN AUDIO AND VIDEO STREAMS (NEXT ITEM IS NOT AVAILABLE IF ABSENT)	1
	AUDIO SYNCHRONIZATION DATA	THE NUMBER OF AUDIO SAMPLES INCLUDED IN VOB	2
	-----		
	I-PICTURE AUDIO POSITION #2	SAME CONTENTS AS #1	1
	I-PICTURE START AUDIO SAMPLE NUMBER #2		2
	AUDIO SYNCHRONIZATION FLAG #2		1
	AUDIO SYNCHRONIZATION DATA		2

FIG. 9

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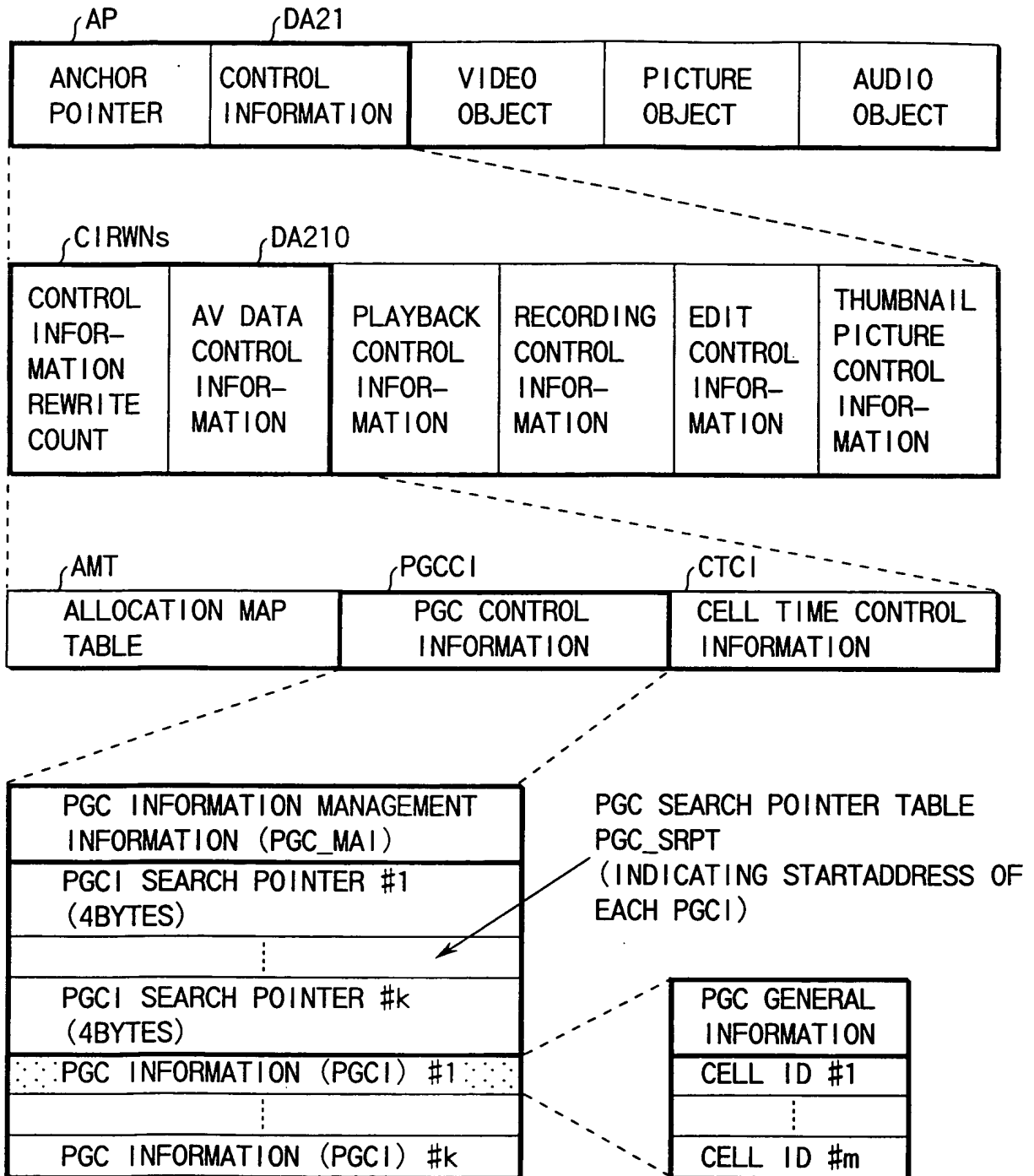


FIG. 10



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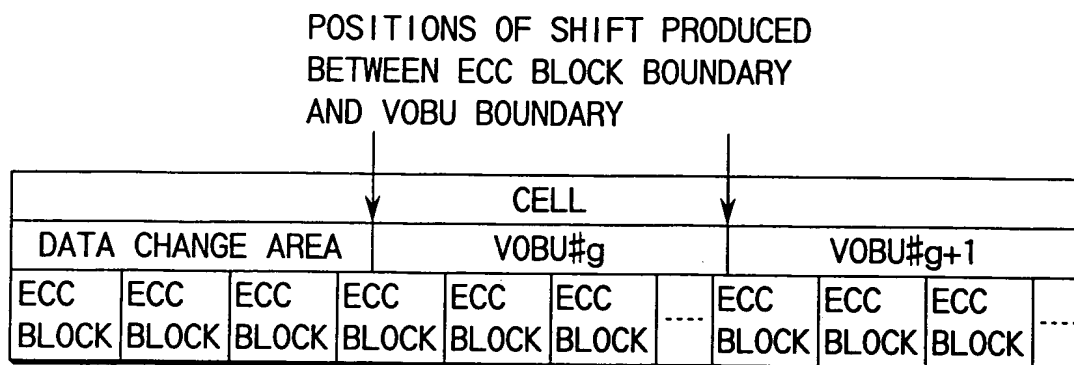


FIG. 11

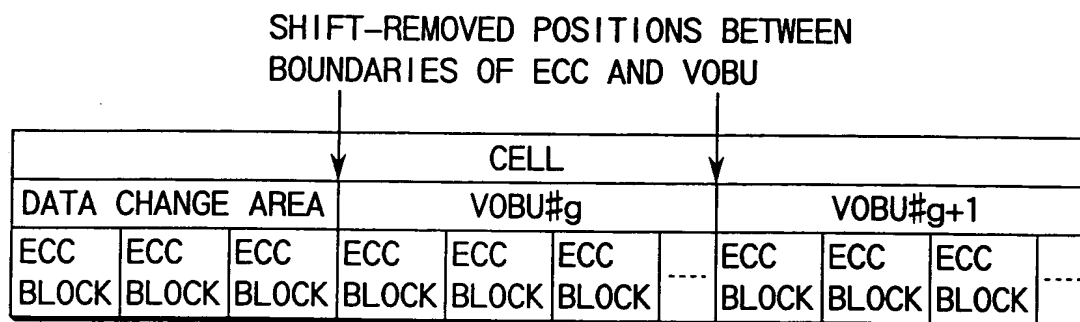


FIG. 12

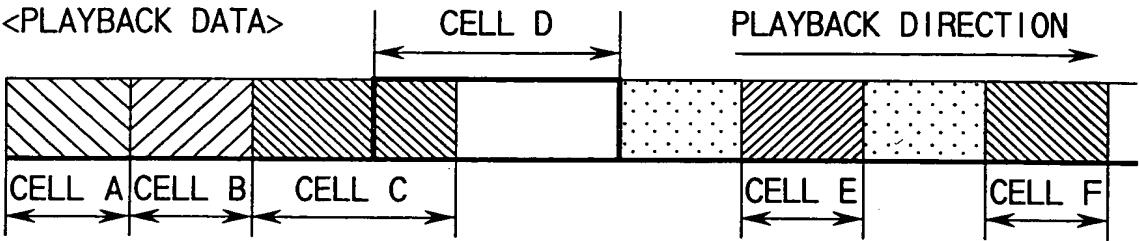


FIG. 13

PGC INFORMATION

PGC#1		PGC#2		PGC#3	
NUMBER OF CELLS = 3		NUMBER OF CELLS = 3		NUMBER OF CELLS = 5	
CELL#1	CELL A	CELL#1	CELL D	CELL#1	CELL E
CELL#2	CELL B	CELL#2	CELL E	CELL#2	CELL A
CELL#3	CELL C	CELL#3	CELL F	CELL#3	CELL D
_____	_____	_____	_____	CELL#4	CELL B
_____	_____	_____	_____	CELL#5	CELL E

FIG. 14

The diagram illustrates the system components and their associated rates:

- OPTICAL DISK 201:** Represented as a disk with a central hole and a dotted surface.
- OPTICAL HEAD 202:** A rectangular block positioned below the disk, with a small protrusion touching the disk's surface.
- SEEK (FINE) ACCESS:** Indicated by a dashed double-headed arrow between the optical head and the disk.
- JUMP (COARSE) ACCESS:** Indicated by a dashed double-headed arrow between the optical head and the left side of the diagram.
- BUFFER MEMORY (RAM) 219:** A rectangular block positioned below the optical head.
- PHYSICAL TRANSMISSION RATE PTR:** Indicated by a solid line connecting the optical head to the buffer memory.
- AVERAGE SYSTEM TRANSMISSION RATE STR:** Indicated by a solid line connecting the buffer memory to the left side of the diagram.

FIG. 15

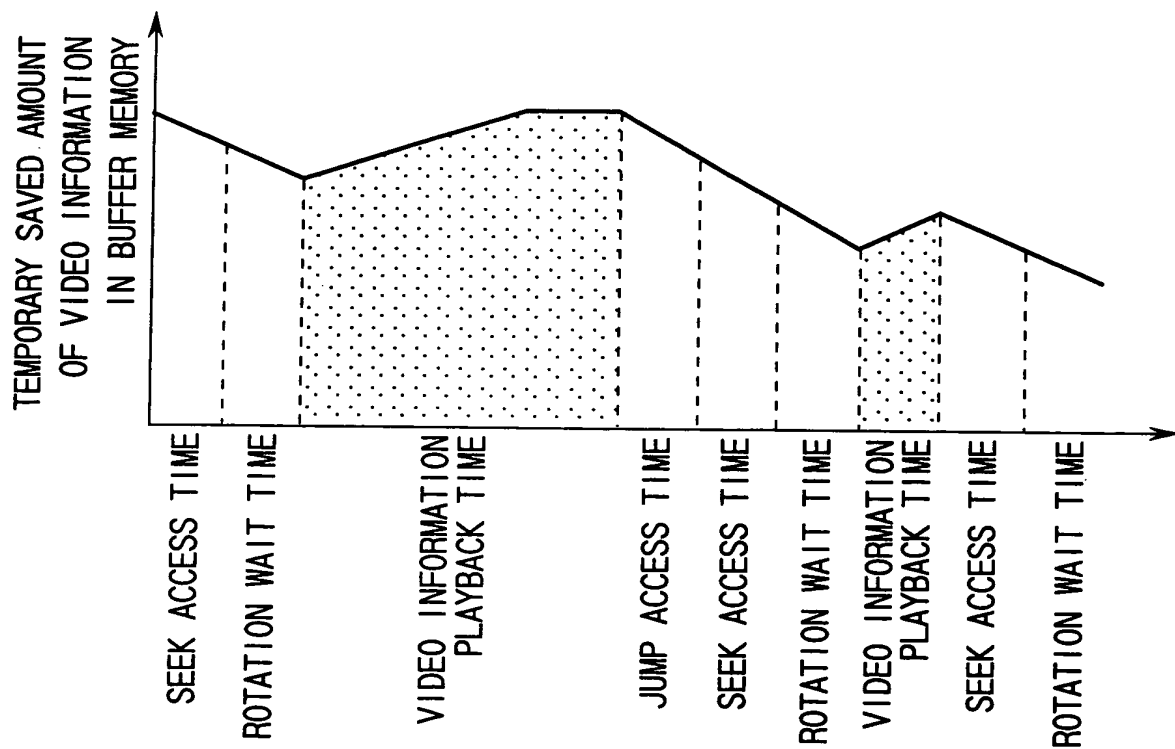


FIG. 16

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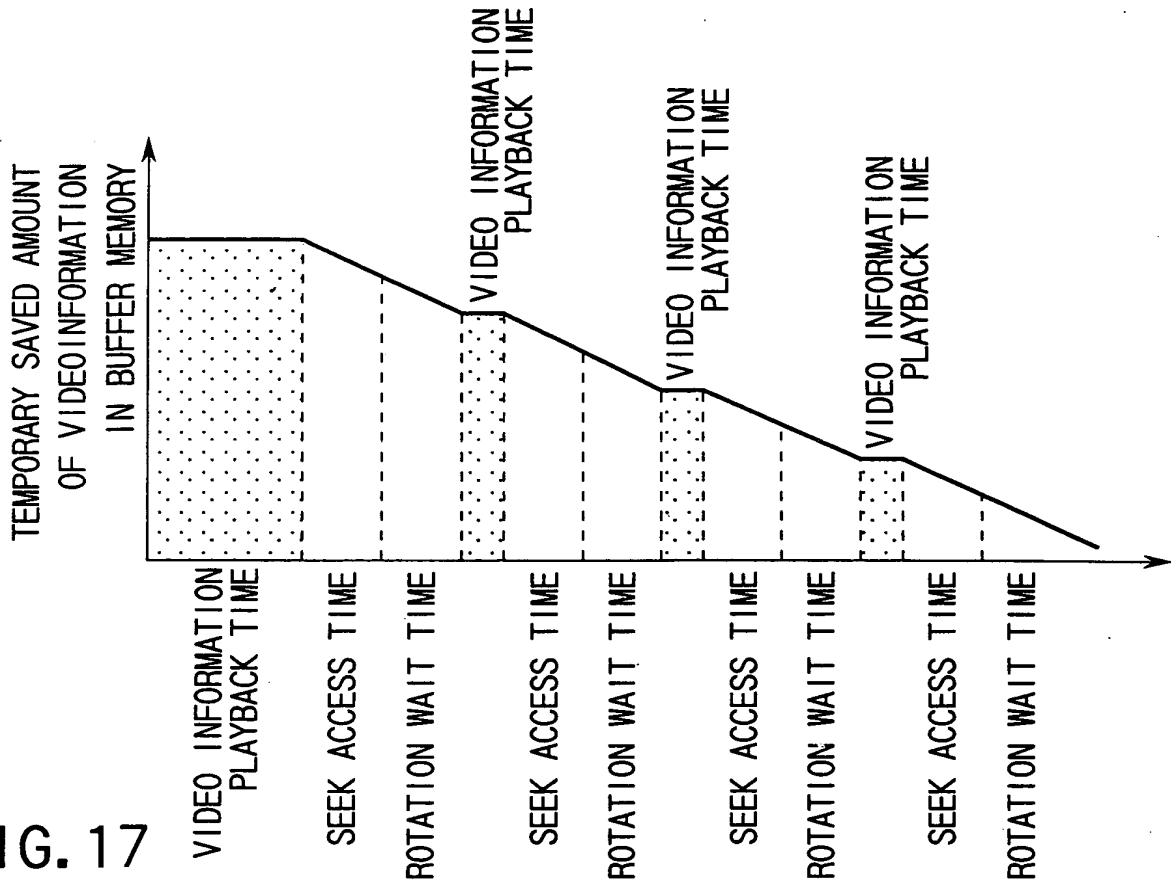


FIG. 17

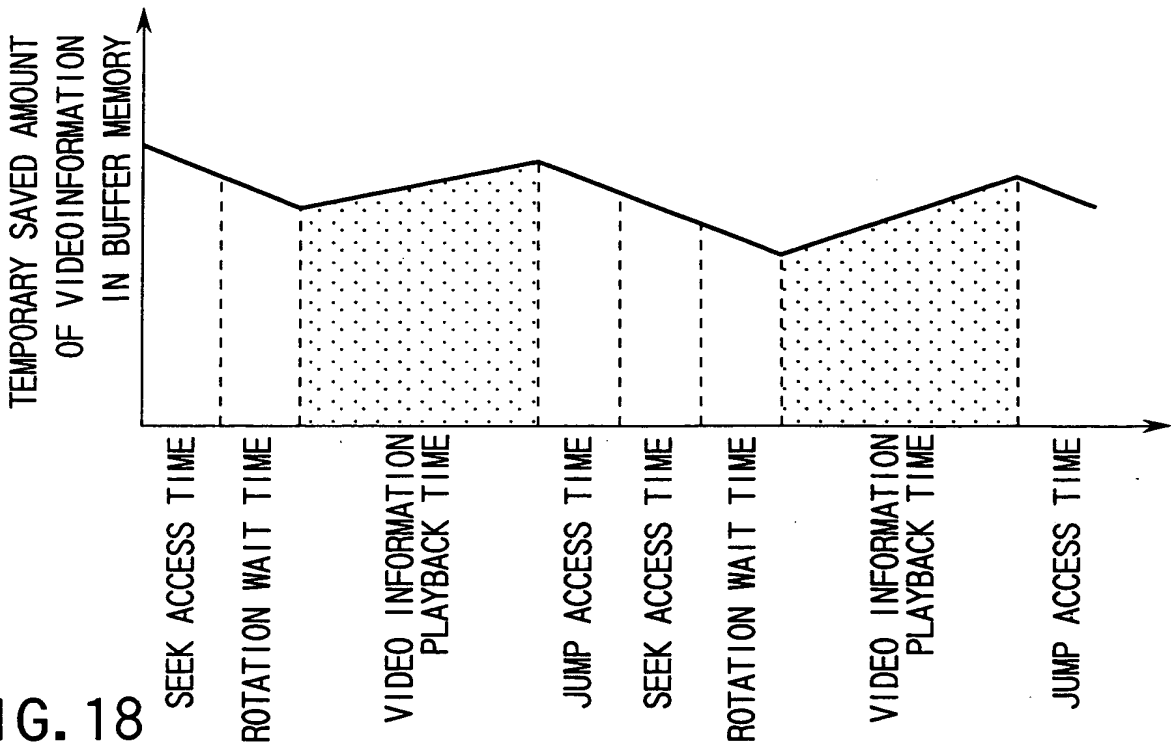


FIG. 18

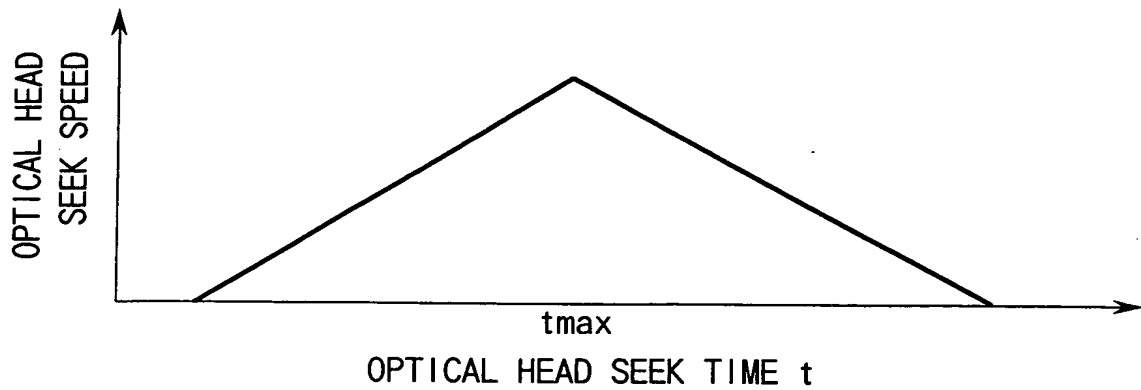


FIG. 19

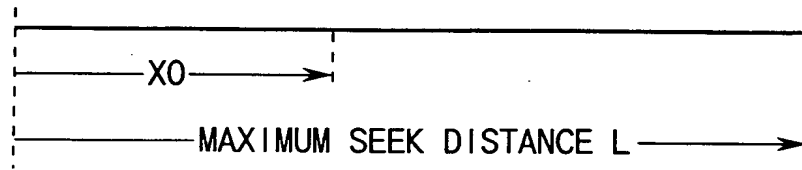


FIG. 20

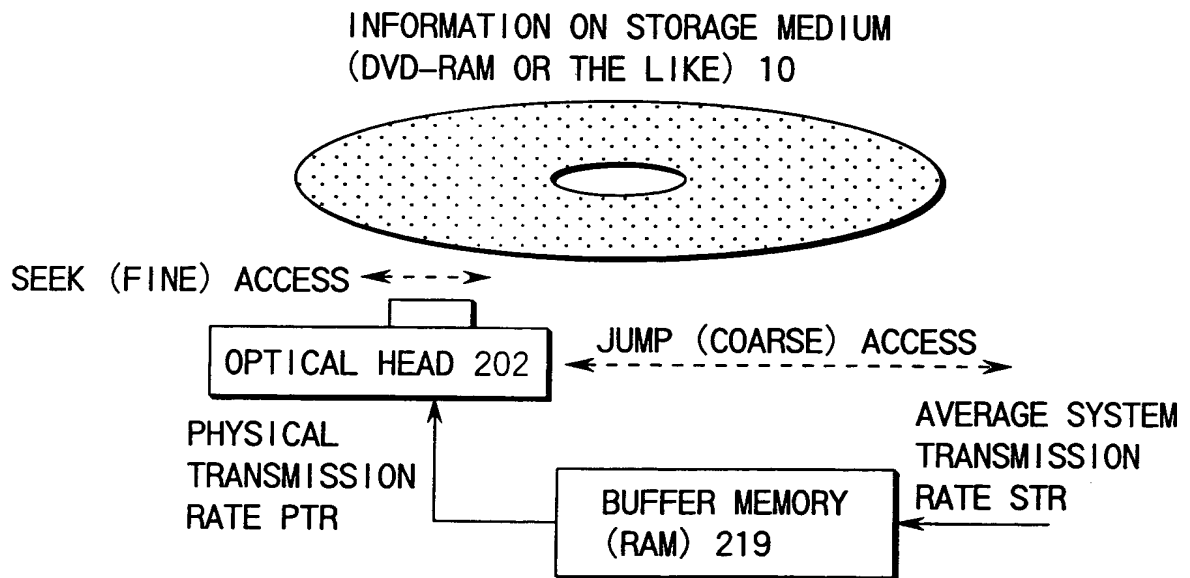


FIG. 21

FREE AREA 107	CELL #1			CELL #2				CELL #3		
	VOBU 108a	VOBU 108b	VOBU 108c	VOBU 108d	VOBU 108e	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FIG. 22

FREE AREA 107	CELL #1			CELL #2A	CELL #2B			CELL #3		
	VOBU 108a	VOBU 108b	VOBU 108c	VOBU 108d	VOBU 108e	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FIG. 23

CELL #2A	CELL #1					CELL #2B			CELL #3		
VOBU 108d*	VOBU 108p	VOBU 108a	VOBU 108b	VOBU 108c*		VOBU 108q	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FREE AREA 106

FIG. 24

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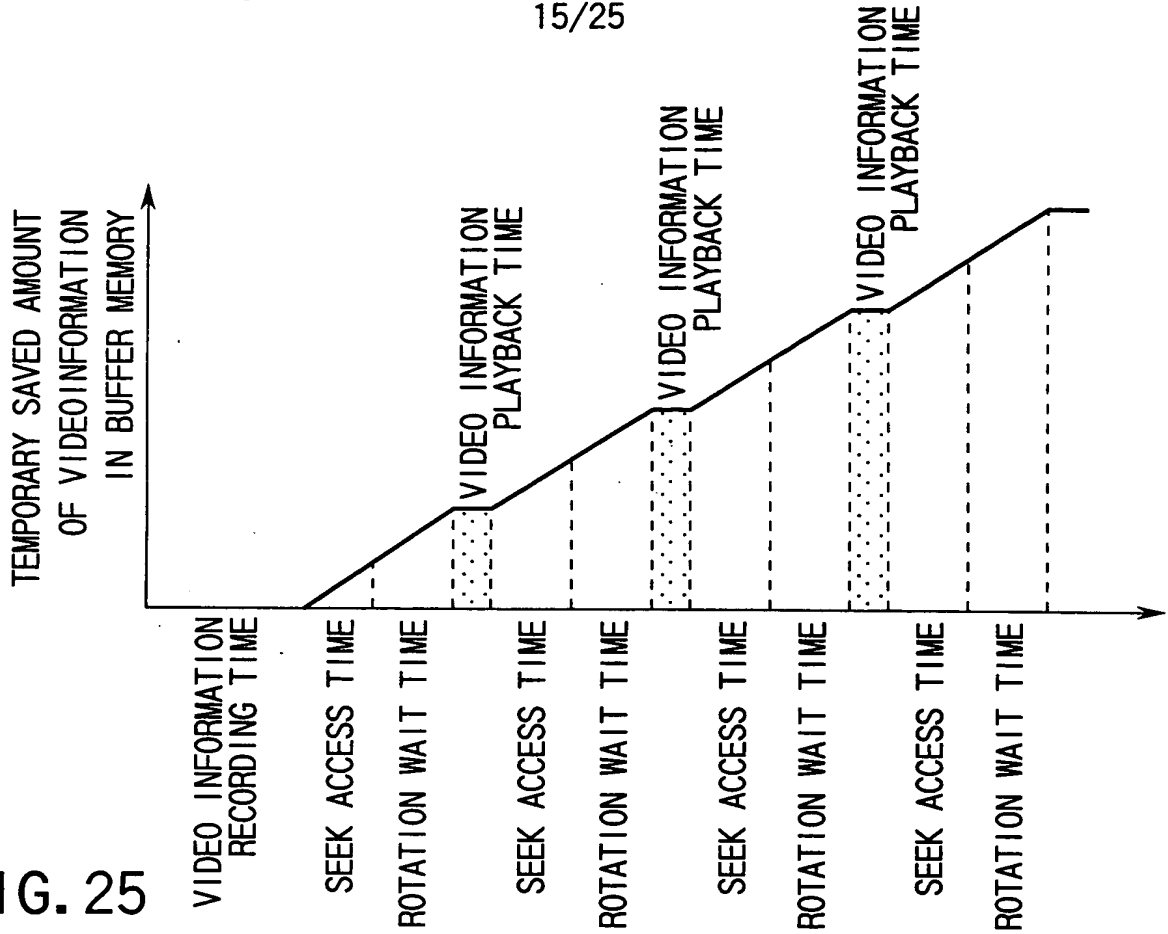


FIG. 25

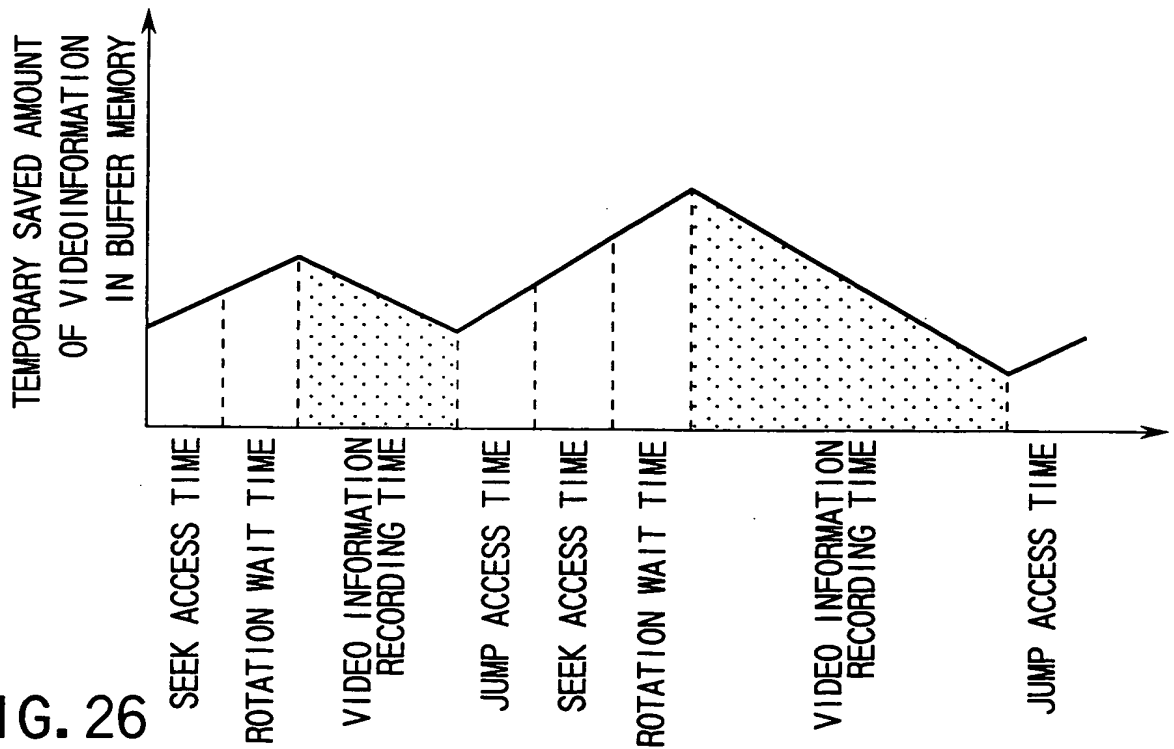


FIG. 26

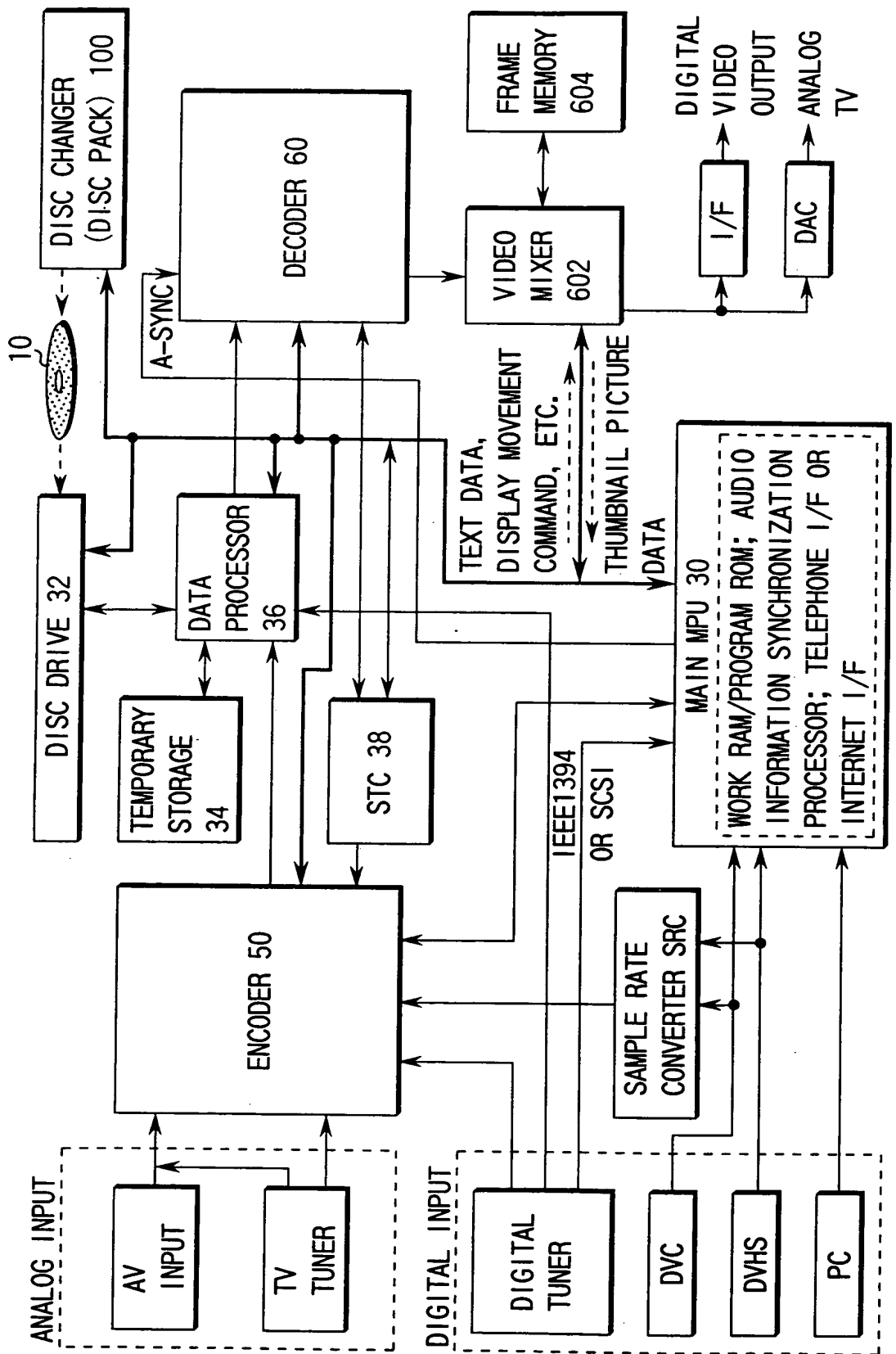
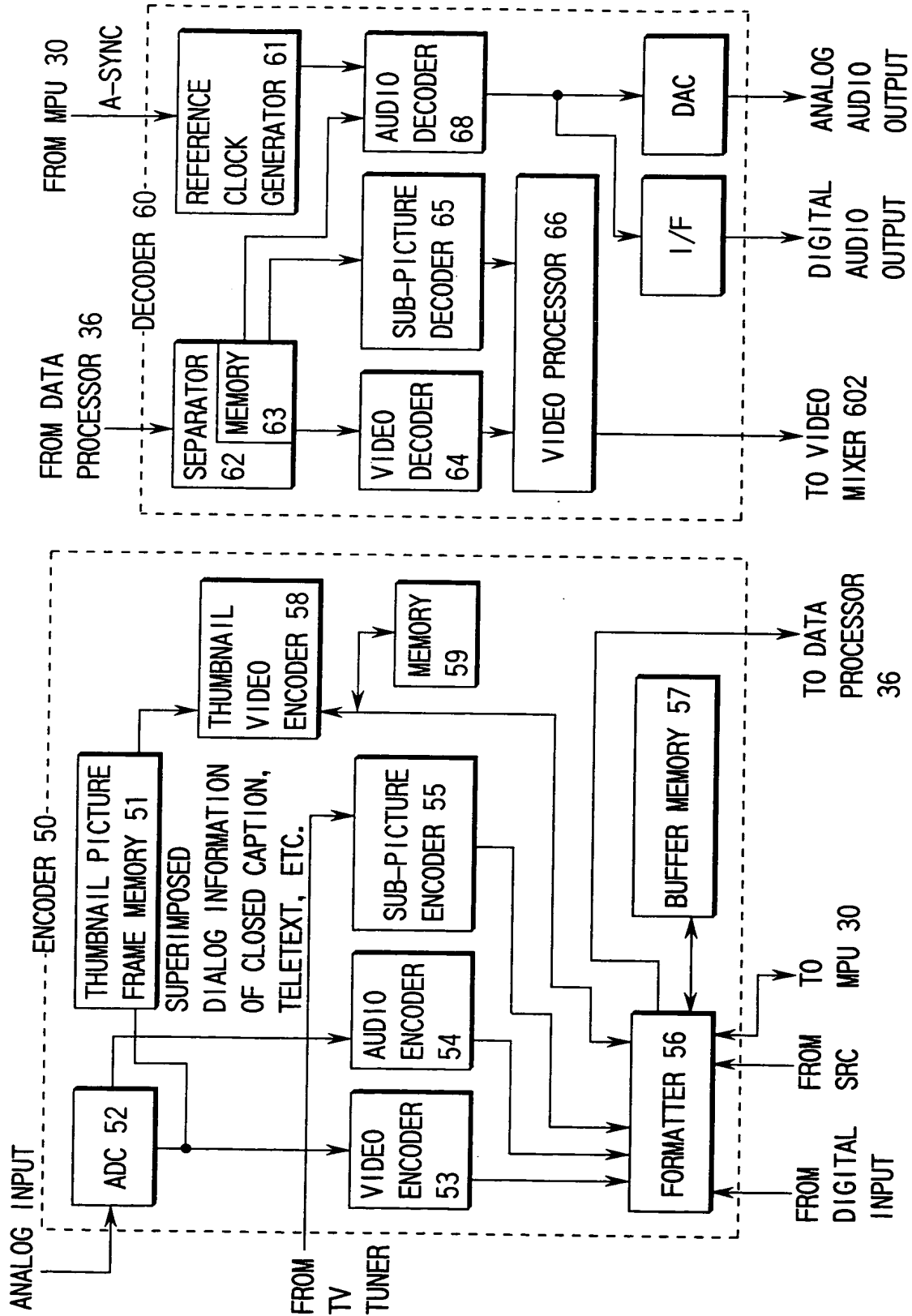


FIG. 27





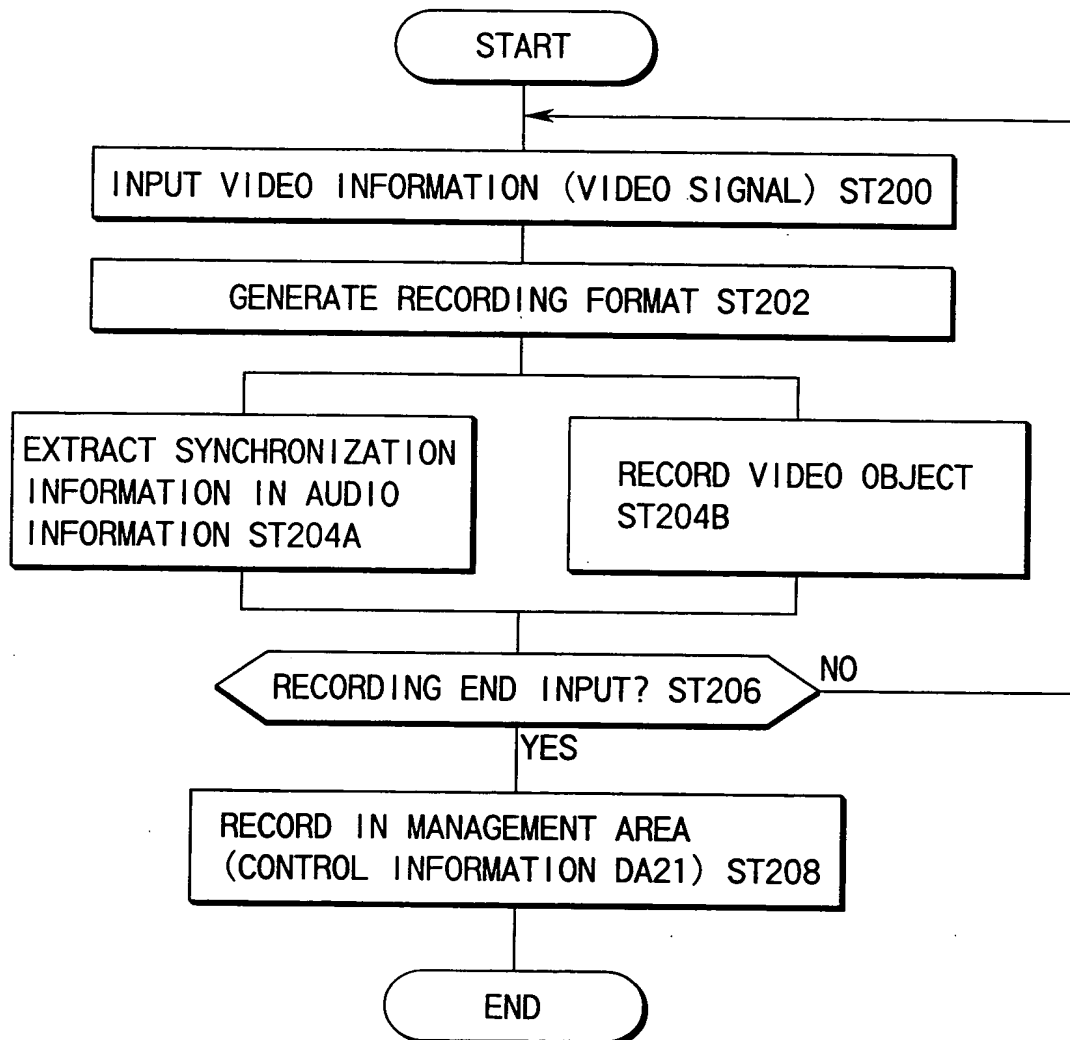


FIG. 29

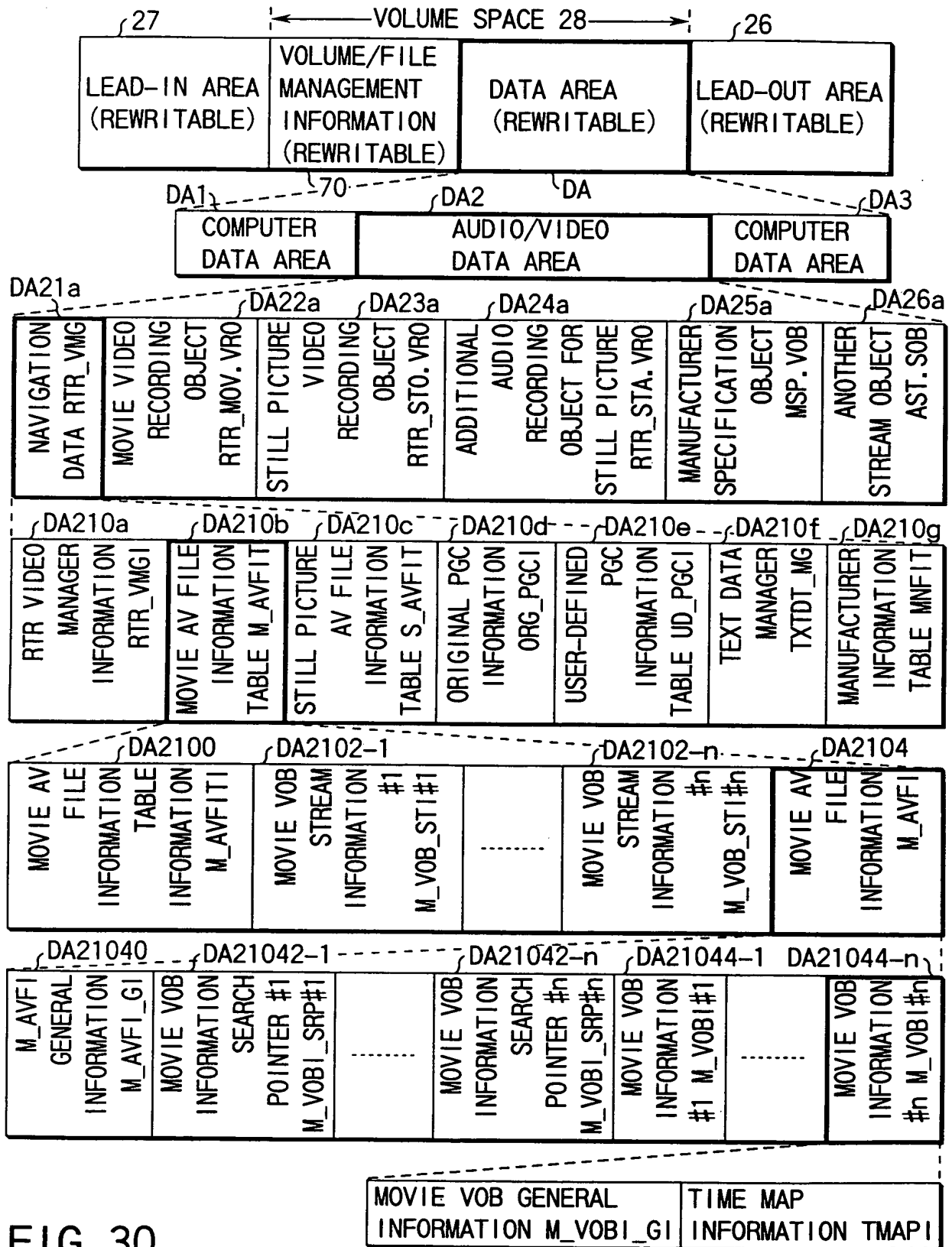


FIG. 30

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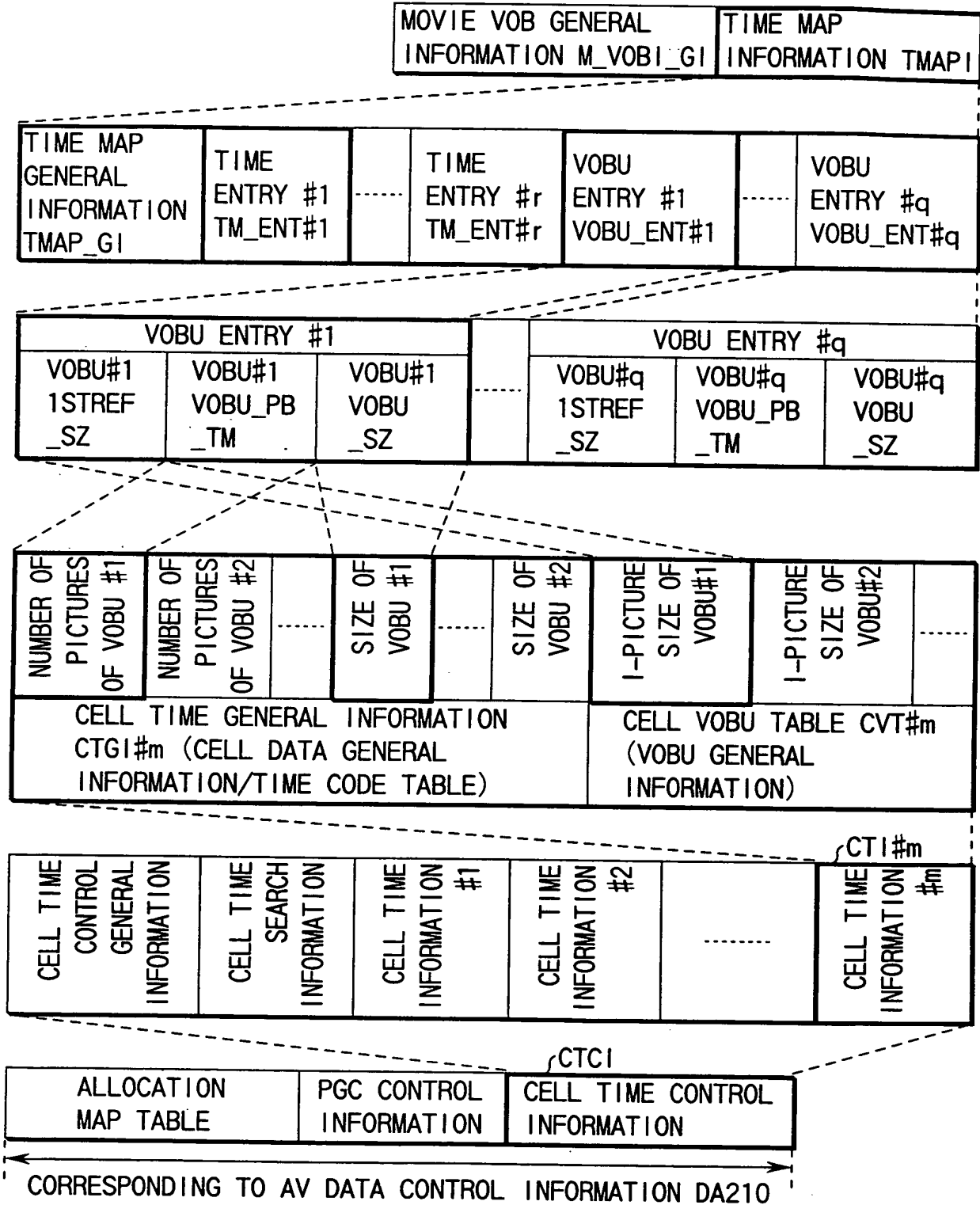


FIG. 31

TIME MAP GENERAL INFORMATION TMAP\_GI

RELATIVE BYTE POSITION	FIELD NAME	CONTENTS	NUMBER OF BYTES
0-1	TM_FNT_Ns	NUMBER OF TIME ENTRIES	2
2-3	VOBU_ENT_Ns	NUMBER OF VOBUE ENTRIES	2
4-5	TM_OFS	TIME OFFSET	2
6-9	ADR_OFS	ADDRESS OFFSET	4

FIG. 32

TIME ENTRY TM\_ENT

RELATIVE BYTE POSITION	FIELD NAME	CONTENTS	NUMBER OF BYTES
0-1	VOBU_ENTN	VOBU ENTRY NUMBER	2
2	TM_DIFF	TIME DIFFERENCE	1
3-6	VOBU_ADR	TARGET VOBUE ADDRESS	4

FIG. 33

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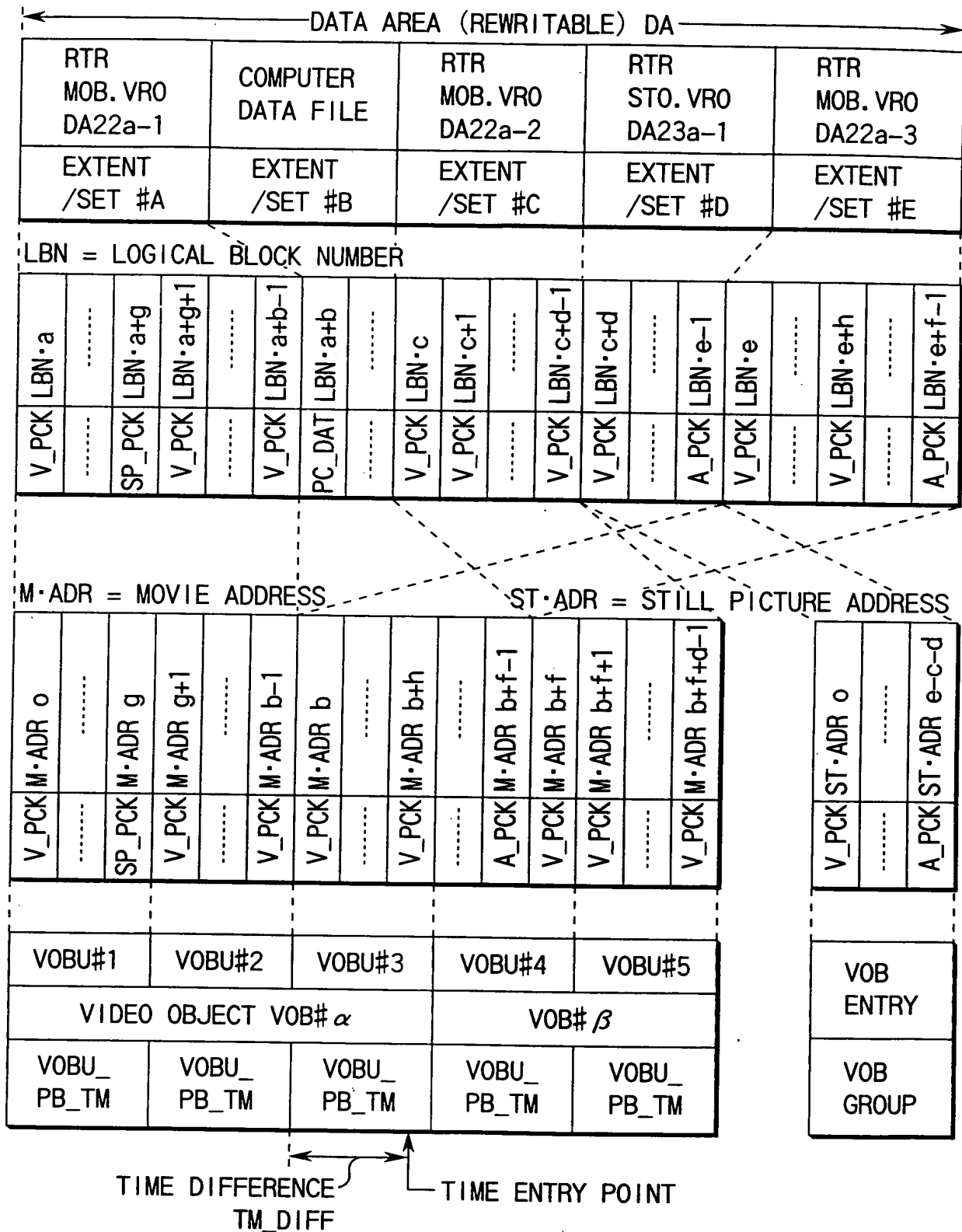


FIG. 34

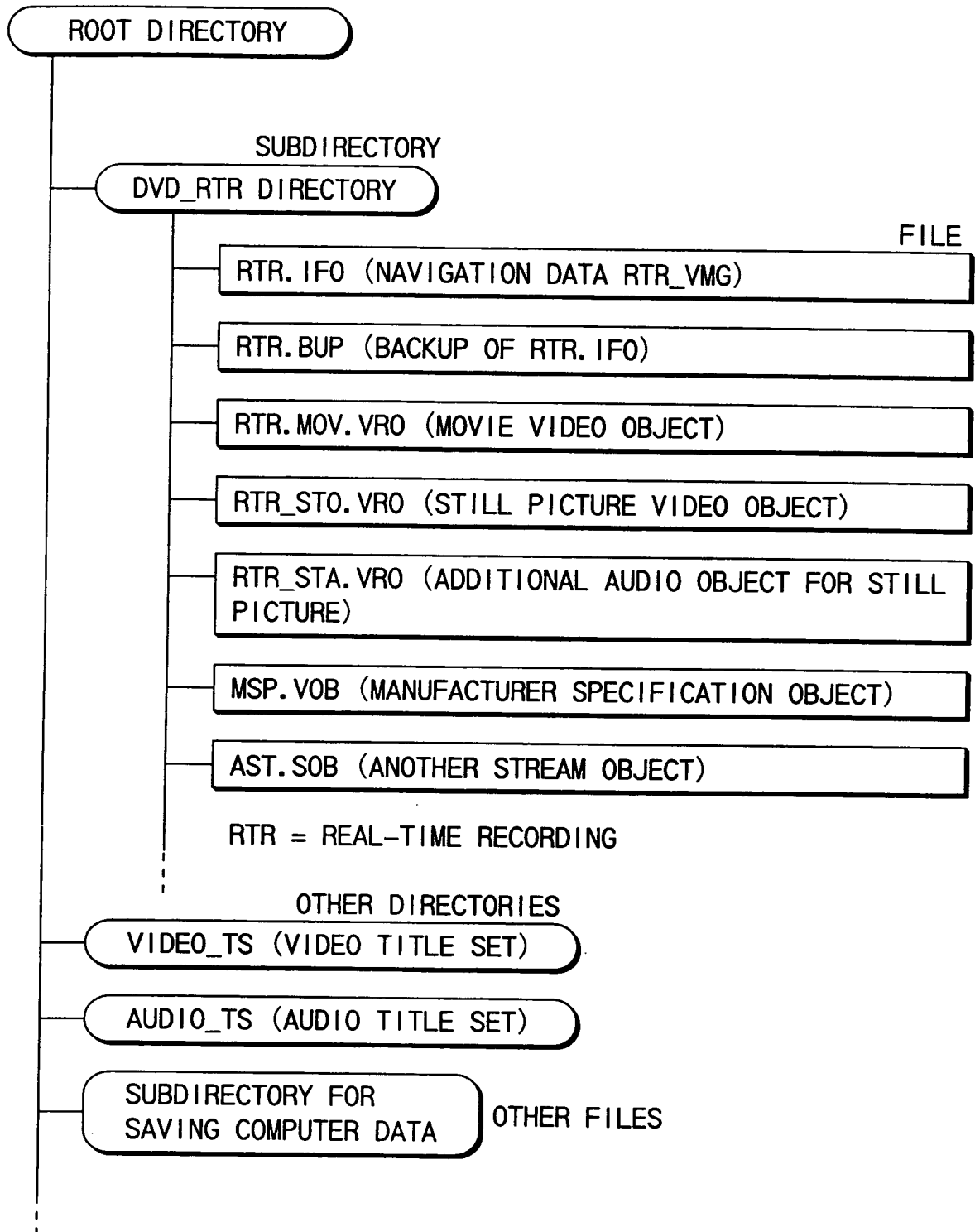


FIG. 35

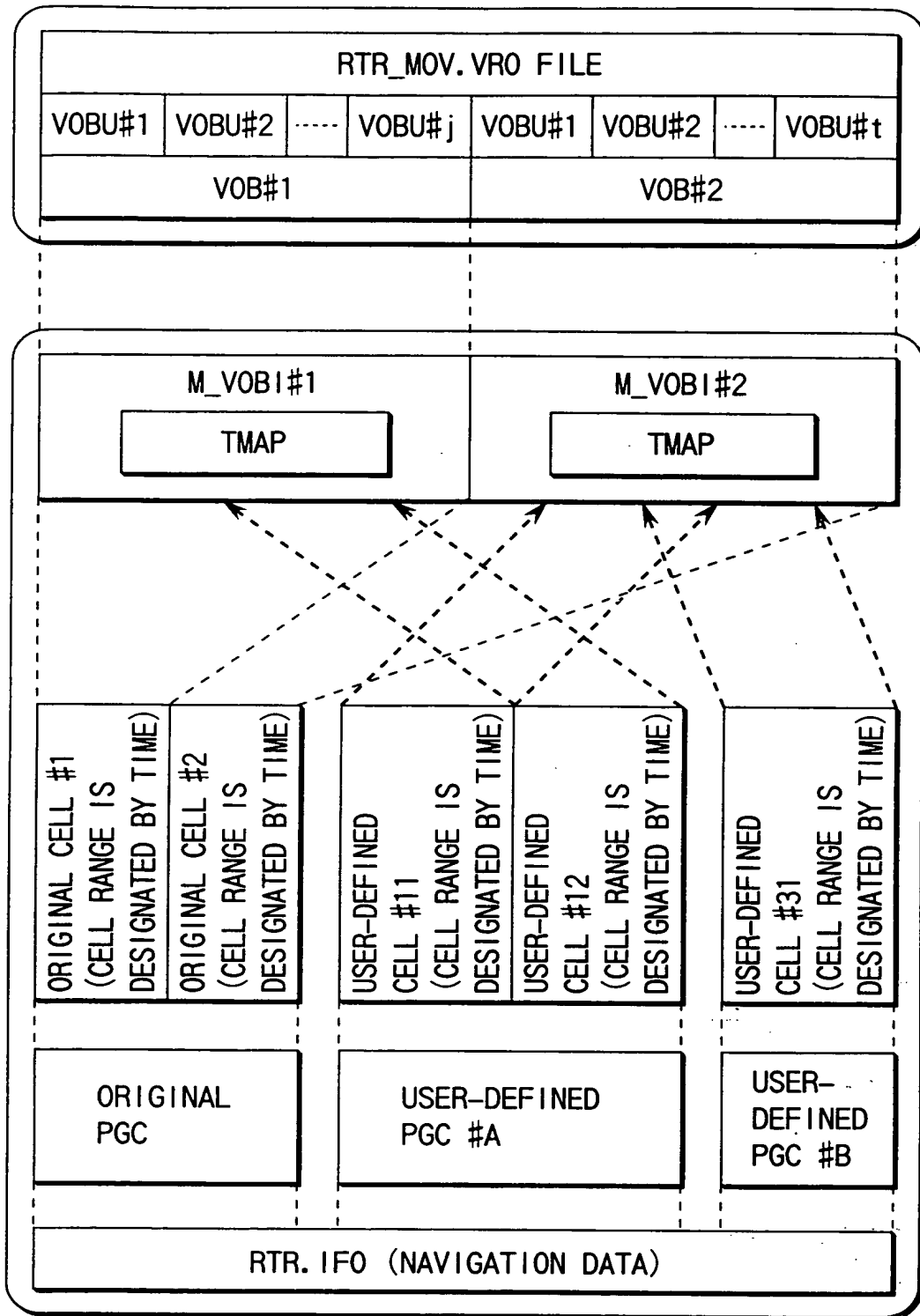


FIG. 36



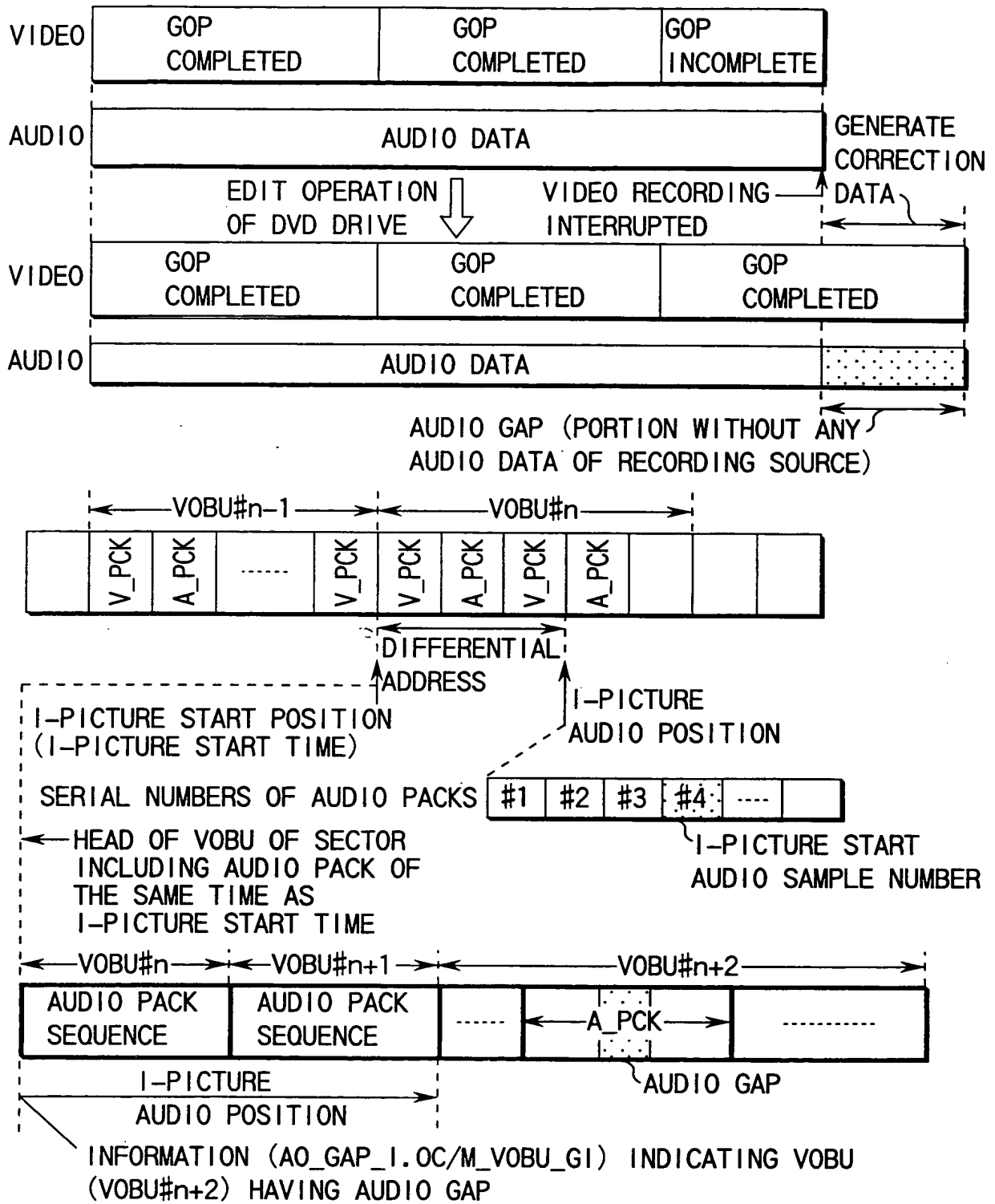


FIG. 37